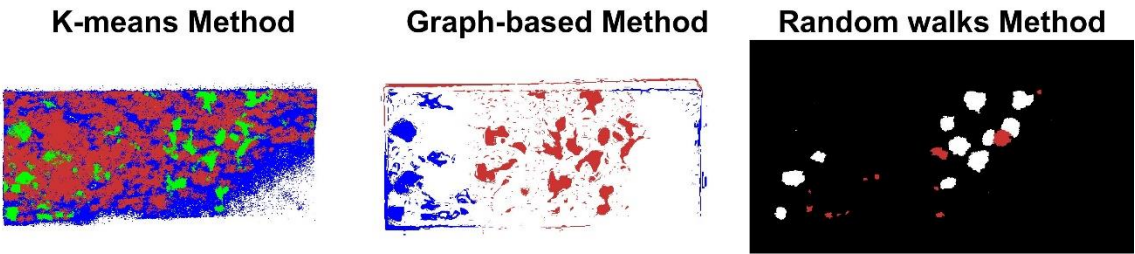
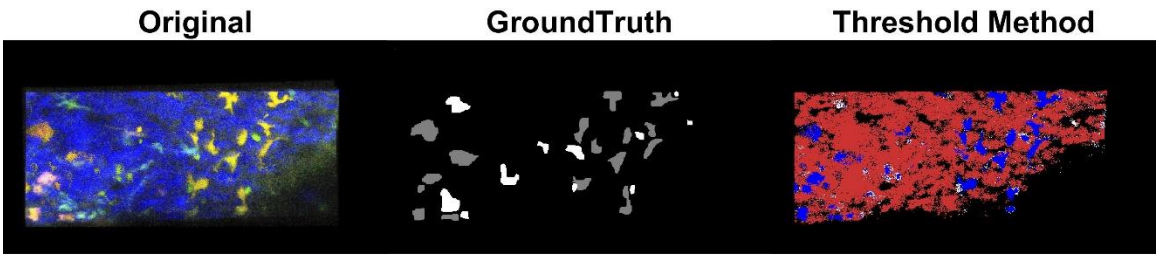


MM803 Assignment 1 Report

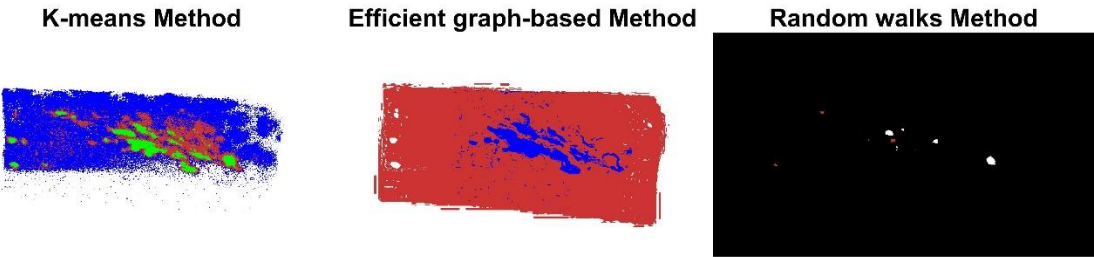
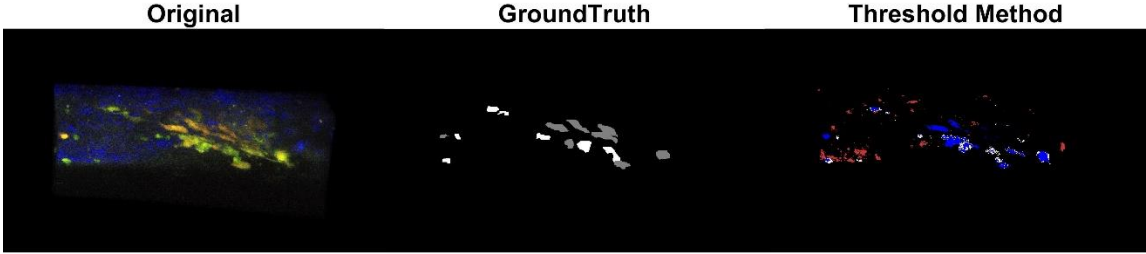
Xinyao(Alvin) Sun

1251167

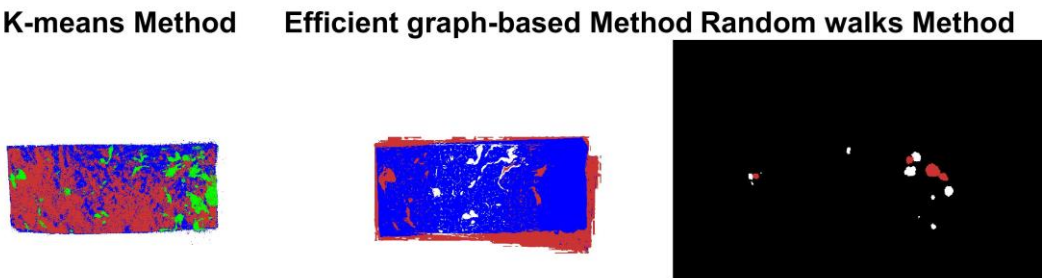
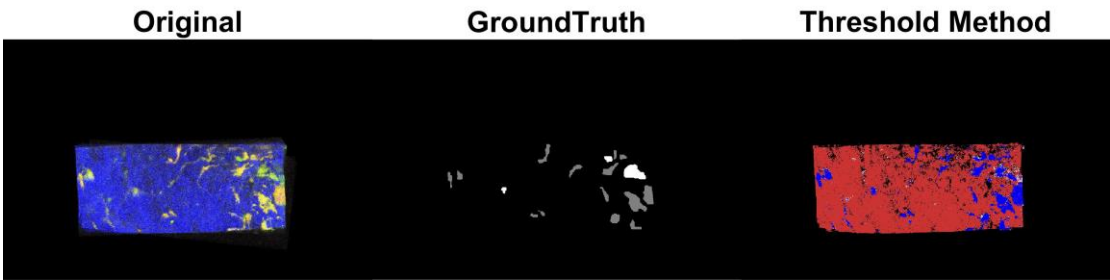
RGB-Image 1



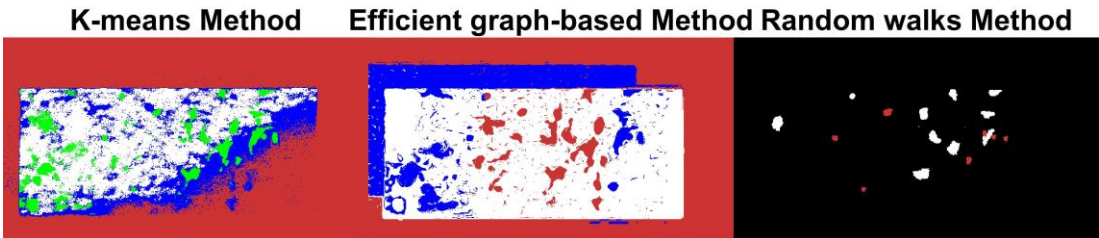
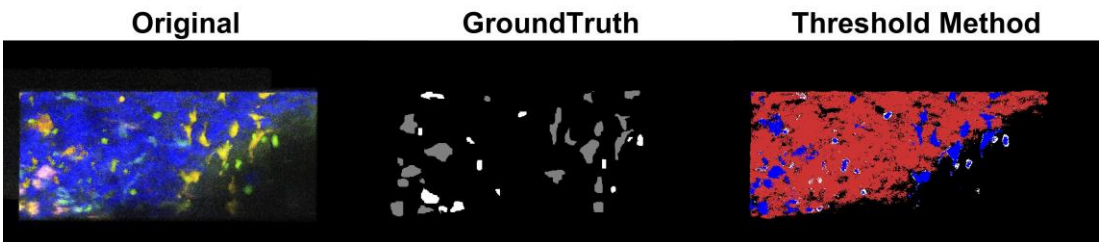
RGB-Image 2



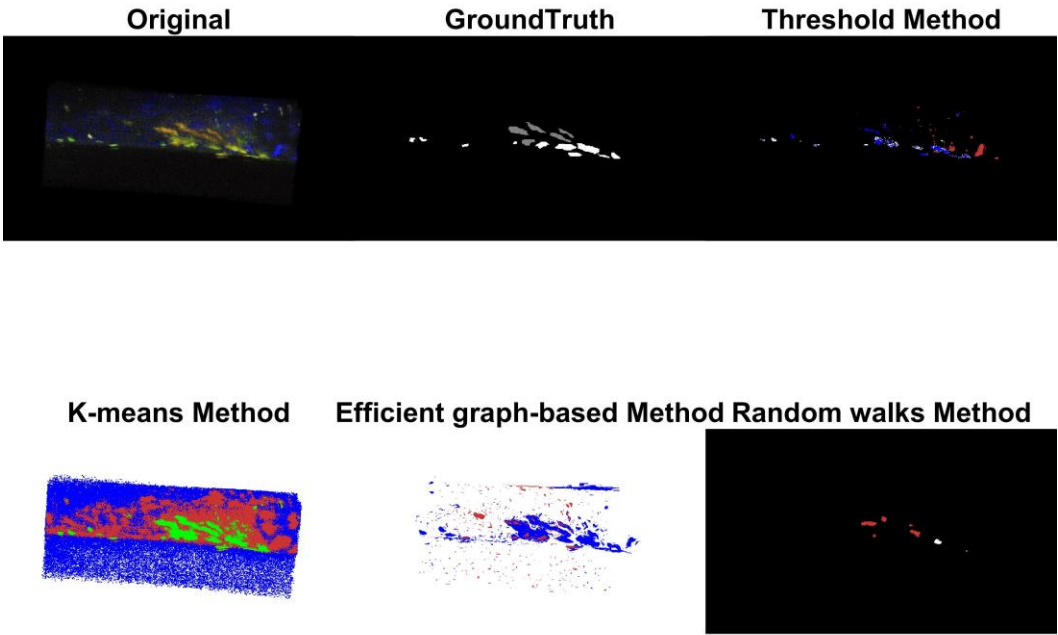
RGB-Image 3



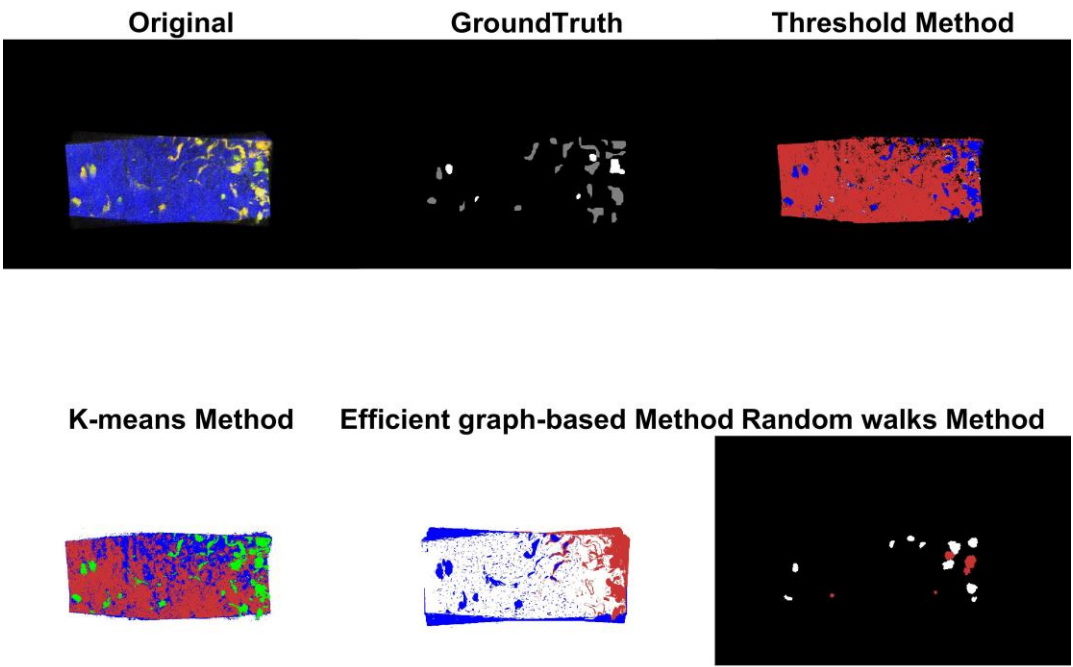
RGB-Image 4

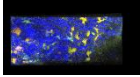
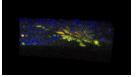
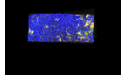
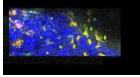
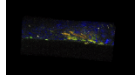
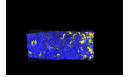


RGB-Image 5

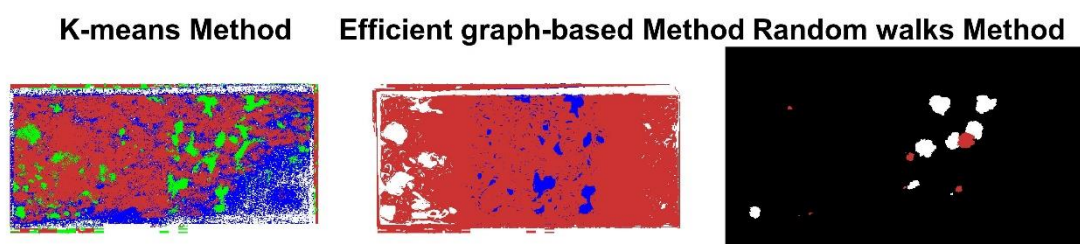
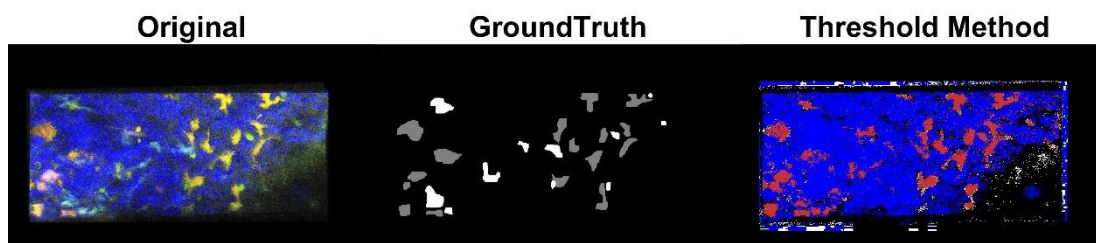


RGB-Image 6

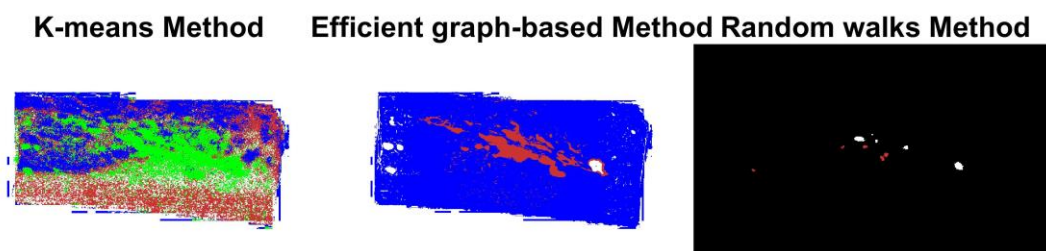


Jaccard score						
RGB	 1	 2	 3	 4	 5	 6
Threshold Method	0.202720	0.130223	0.202629	0.298617	0.105205	0.215090
K-means Method	0.238717	0.206538	0.220378	0.230403	0.220852	0.259803
Efficient graph-based	0.168130	0.067418	0.086480	0.059625	0.064588	0.103564
Random walks	0.167493	0.004541	0.221481	0.139713	0.065012	0.203376

HSV-Image 1



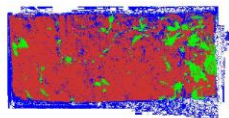
HSV-Image 2



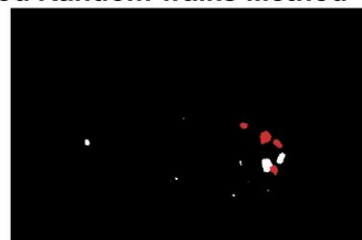
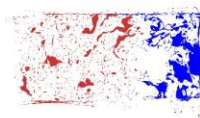
HSV-Image 3



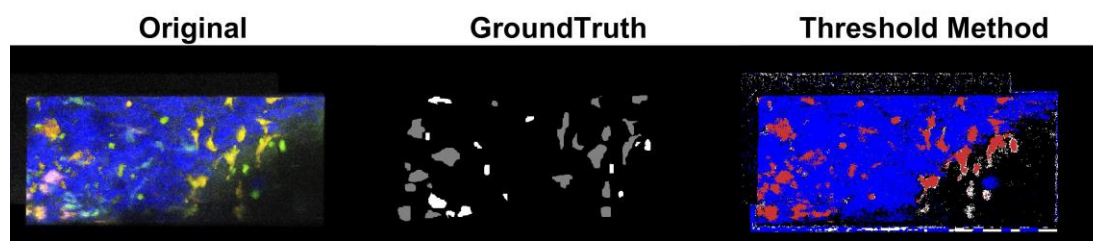
K-means Method



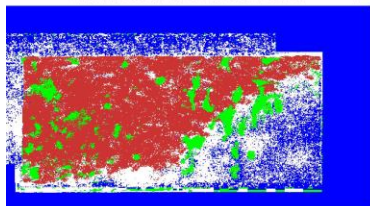
Efficient graph-based Method Random walks Method



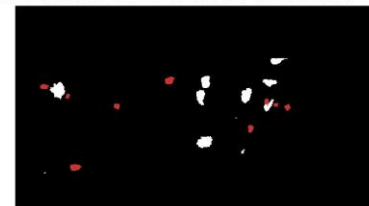
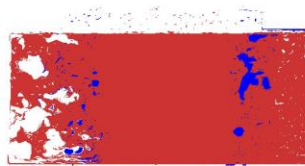
HSV-Image 4



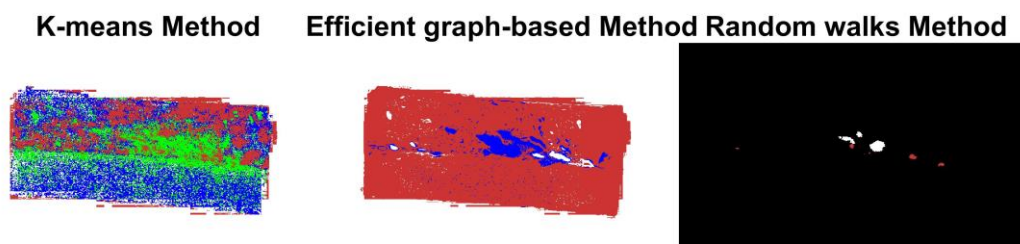
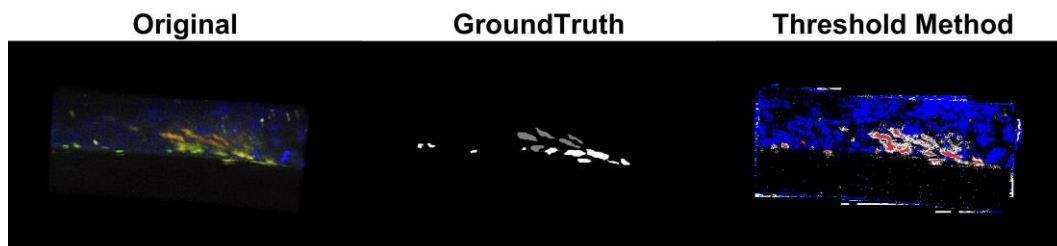
K-means Method



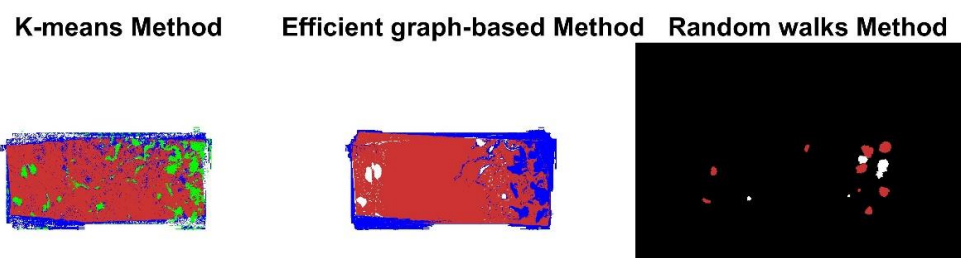
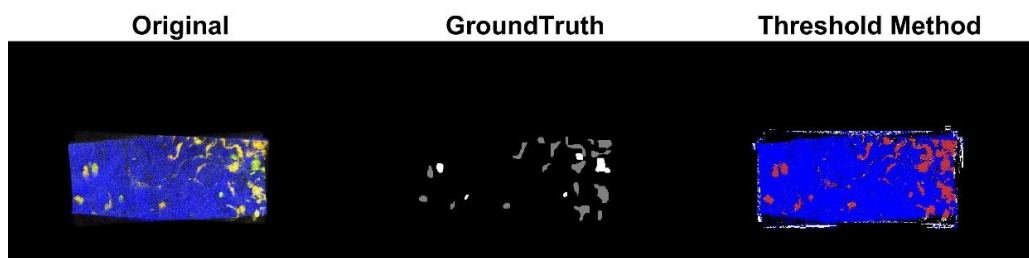
Efficient graph-based Method Random walks Method

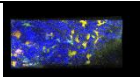
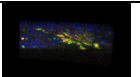
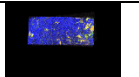
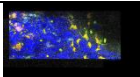
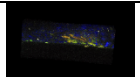
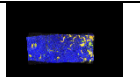


HSV-Image 5



HSV-Image 6



Jaccard score						
HSV	 1	 2	 3	 4	 5	 6
Threshold Method	0.120836	0.160546	0.189507	0.124280	0.171613	0.224198
K-means Method	0.360137	0.130170	0.202209	0.344022	0.070581	0.213132
Efficient graph-based	0.057183	0.029801	0.121913	0.054408	0.022019	0.031316
Random walks	0.062627	0.003151	0.170977	0.153316	0.024179	0.245419